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— 国際調査報告書

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

A1

(54) Title: SUBTYPE OF HUMANIZED ANTIBODY AGAINST INTERLEUKIN-6 RECEPTOR

WO 2005/090405 A1

(54) 発明の名称: インターロイキン-6受容体に対するヒト型化抗体のサブタイプ

(57) Abstract: As a subtype of humanized PM-1 antibody against interleukin-6 receptor (IL-6R), there is provided antibody subtype (1) whose one heavy chain C terminus consists of Pro-NH₂ (447). As another subtype of humanized PM-1 antibody against interleukin-6 receptor (IL-6R), there is provided antibody subtype (2) whose both heavy chain C termini consist of Pro-NH₂ (447). Furthermore, there are provided pharmaceutical compositions comprising these.(57) 要約: インターロイキン-6受容体 (IL-6R) に対するヒト型化PM-1抗体のサブタイプであって、片方の重鎖C末端がPro-NH₂ (447) である抗体サブタイプ (1)、及びインターロイキン-6受容体 (IL-6R) に対するヒト型化PM-1抗体のサブタイプであって、両方の重鎖C末端がPro-NH₂ (447) である抗体サブタイプ (2)、並びにこれらを含んで成る医薬組成物。

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/006229

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl⁷ C07K16/28, A61K39/395, A61P1/04, 1/18, 13/12, 17/06, 19/02, 29/00, 31/04, 31/18, 35/00, 37/02, 37/06//C12N15/09, C12P21/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl⁷ C07K16/28, A61K39/395, A61P1/04, 1/18, 13/12, 17/06, 19/02, 29/00, 31/04, 31/18, 35/00, 37/02, 37/06//C12N15/09, C12P21/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPI (DIALOG), BIOSIS (DIALOG), JICST FILE (JOIS)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 05-227970 A (Chugai Pharmaceutical Co., Ltd.), 07 September, 1993 (07.09.93), Par. Nos. [0140] to [0143], [0170] to [0171] & WO 1992/019759 A1 Page 64, line 3 to page 65, line 15; example 10 & US 5795965 A1 & EP 0628639 A1	1-6
Y	JP 2002-510211 A (Genentech, Inc.), 02 April, 2002 (02.04.02), Page 77, line 14 to page 79, line 10 & WO 1999/001556 A2 & US 5994511 A1	1-6

 Further documents are listed in the continuation of Box C. See patent family annex.

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- "P" document published prior to the international filing date but later than the priority date claimed

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/006229

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	RAY et al., Production of salmon calcitonin by direct expression of a glycine-extended precursor in Escherichia coli, Protein Expr. Purif., Vol.26, No.2, 2002.11, pages 249 to 259	1-6
Y	JP 2002-525104 A (SmithKline Beecham Corp.), 13 August, 2002 (13.08.02), Par. No. [0123] & WO 2000/018804 A1 & US 6365154 B1	1-6
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Y	ADAMCZYK et al., Complete sequencing of anti-vancomycin fab fragment by liquid chromatography-electrospray ion trap mass spectrometry with a combination of database searching and manual interpretation of the MS/MS spectra, J.Immunol.Methods, Vol.260, No.1-2, 01 February, 2002 (01.02.02), pages 235 to 249	1-6
A	HIRATA et al., Characterization of IL-6 receptor expression by monoclonal and polyclonal antibodies, J.Immunol., Vol.143, No.9, 01 November, 1989 (01.11.89), pages 2900 to 2906	1-6